

## Product datasheet for **TA309534**

### FGF5 Goat Polyclonal Antibody

#### Product data:

|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Applications:         | WB   |
| Recommended Dilution: | WB: 0.1-0.3ug/ml   |
| Reactivity:           | Human  |
| Host:                 | Goat   |
| Clonality:            | Polyclonal   |
| Immunogen:            | Peptide with sequence C-PLSAPRKNTNSVK, from the C Terminus of the protein sequence according to NP_004455.2; NP_149134.1.  |
| Formulation:          | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.  |
| Purification:         | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.  |
| Conjugation:          | Unconjugated   |
| Storage:              | Store at -20°C as received.  |
| Stability:            | Stable for 12 months from date of receipt.   |
| Gene Name:            | fibroblast growth factor 5   |
| Database Link:        | <a href="#">NP_004455</a><br><a href="#">Entrez Gene 2250 Human</a><br><a href="#">P12034</a>  |
| Background:           | The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This gene was identified as an oncogene, which confers transforming potential when transfected into mammalian cells. Targeted disruption of the homolog of this gene in mouse resulted in the phenotype of abnormally long hair, which suggested a function as an inhibitor of hair elongation. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq] |
| Synonyms:             | HBGF-5; Smag-82; TCMGLY  |

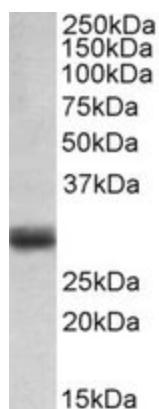


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**Protein Families:** Druggable Genome, Secreted Protein

**Protein Pathways:** MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton

**Product images:**



TA309534 (0.1ug/ml) staining of Human Placenta lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.